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Substitute for form 1449A/PTO

Sheet 11

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

	Complete if Known					
	Application Number	09/506,779				
	Filing Date	FEBRUARY 18, 2001				
	First Named Inventor	DENNIS P. CURRAN				
	Art Unit	1639				
	Examiner Name	Maurie Garcia Baker	· · · · ·			
_	Attorney Docket Number	99-038				

			U. S. PATENT		
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (5 known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
1175	A1	^{US-} 5,859,247	07/31/1996	CURRAN	
	A2	^{US-} 6,156,896	07/31/1996	CURRAN	
	A3	^{US-} 5,777,121	06/28/1996	CURRAN	
	A4	^{US-} 5,463,082	07/08/1993	HORVATH	
\perp	A5	^{US-} 4,454,233	12/17/1981	WANG	
	A6	^{us} 5,798,032	09/16/1994	KHAN	
la	A7	^{US-} 5,401,847	01/27/1993	GLAZER	
M5	A8	^{US-} 5,340,453	09/20/1990	JACKSON	
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		FOREIGN F	ATENT DOCL	MENTS		
Examiner Initials*	Cite No.	Foreign Patent Document Country Code ³ (Number ⁶ Kind Code ⁶ (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	7 •
1/3	B1	WO 01/61332*	02/18/2000	CURRAN		
1/13		Search Report				
NB		Preliminary Examination Report				
		* PCT Case corresponding to present				
	<u> </u>	US Patent Application				

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	INFO	RMATION DI	ISCLC	SURE	Filing Date	FEBRUARY 18, 2001	06/20	2000
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					Art Unit	1639	ULIVIER 1	210./s
		(Use as many sheets as	з песезвагу)	Examiner Name	Maurie Garcia Baker		100/2800
	Sheet	2	of	3	Attorney Docket Number	99-038		•

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
113	C1	BERGBREITER, D.E.; ZHANG, L. Separation of Enantiomers as Differentially Sized Pseudoenantiomeric Salts. J. Chem. Soc., Chem. Comm. 1993, 596-597.	
	C2	CURRAN, D. P.; HALIDA, S.; HE, M. Thermal Allylations of Aldehydes with a Fluorous Allylstannane. Separation of Organic and Fluorous Products by Solid Phase Extraction with Fluorous Reverse Phase Silica Gel. J. Org. Chem. 1997, 62, 6714-6715.	
	СЗ	CURRAN, D. P.; LUO, Z. Y. Fluorous Synthesis with Fewer Fluorines (Light Fluorous Synthesis): Separation of Tagged from Untagged prodcuts by Solid-Phase Extraction with Fluorous Reverse-Phase Silica gel. J. Am. Chem. Soc. 1999, 121, 9069-9072.	
	C4	CURRAN, D. P. Strategy-Level Separations in Organic Synthesis: from Planning to practice. Angew. Chem., Int. ed. Eng. 1998, 37, 1175-1196.	
	C5	DANIELSON, N. D.; el al. Fluoropolymers and Fluorocarbon Bonded Phases as Column Packings for Liquid Chromatography. J. Chromat. 1991, 544, 187-199.	
	C6	GRAVERT, D. J.; et al. Organic Synthesis on Soluble Polymer Supports: Liquid-Phase Methodologies. Chem. rev. 1997, 97, 489-509.	ļ
	C7	GRIFFEY, R. H.; et al. rapid Deconvolution of Combinatorial Libraries Using HPLC Fractionation. Tetrahedron 1998, 54, 4067-4076.	
	C8	HOUGHTEN, R. A.; et al. Mixture-Based Synthetic Combinatorial Libraries. J. Med. Chem. 1999, 42, 3743-3778.	}
	C9	JOSIEN, H.; CURRAN, D. P. Synthesis of (S)-Mappicine and Mappicine Ketone Via Radical Cascade reaction of Isonitriles. tetrahedron 1997, 53, 8881-8886.	<u> </u>
MS	C10	KAINZ, S.; LUO, Z. Y.; CURRAN, D. P. et al. Synthesis of Perfluoroalkyl-Substituted Aryl Bromides and Their Purification Over Fluorous Reverse Phase Silica. Synthesis 1998, 1425-1427.	<u> </u>

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INFO	RMATION DI	SCLO	SURE	Filing Date	FEBRUARY 18, 2001		
STAT	EMENT BY	APPLI	CANT	First Named Inventor	DENNIS P. CURRAN	06136	2003
				Art Unit	1639	TEMIA]
	(Use as many sheets as	necessary)	Examiner Name	Maurie Garcia Baker	TEUT CENTER	1600/2000
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		NON PATENT LITERATURE DOCUMENTS	
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MS	C11	LAM, K. S.; LEBL, M.; et al. The "One-Bead-One-Compund" Combinatorial Library Method. Chem. Rev. 1997, 97, 411-448.	
M	C12	THOMPSON, L. A.; ELLMAN, J. A. Synthesis and applications of small molecule libraries. Chem. Rev. 1996, 96, 555-600.	
Mys	C13	VEDEJS, E.; Chen, C. Parallel kinetic resolution. J. Am. Chem. Soc. 1997, 119, 2584-2585.	
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